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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No. : Raul G. Barletta and Zhengyu Feng  
Filing Date : 10/738,938  
Title : December 17, 2003  
RECOMBINANT MYCOBACTERIA  
OVEREXPRESSING D-ALANINE LIGASE GENE AND  
USES THEREFORE  
Group/Art Unit : 1652  
Examiner : Delia M. Ramirez  
Confirmation No. : 8745  
Atty. Docket No. : 801204-0003

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

MS AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Please enter the following amendments and remarks in the above-identified application in response to the final Office Action mailed July 27, 2007.

Amendments to Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks/arguments begin on page 5 of this paper.

**Certificate of Mailing Under 37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to MS AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: 9/07/07

Signature: Rachel G. Hansen

Printed Name: RACHEL G. HANSEN

The Director is hereby authorized to charge any additional amount required, or credit any overpayment, to Deposit Account No. 19-4409.